



PENJAGAAN DIRI  
RAWATAN RAMBUT



SYAMPU HIJAU CERAH  
LEMBUT [SZ-05]

# SYAMPU HIJAU CERAH LEMBUT [SZ-05]

FASA	NAMA INCI	JENAMA	KEPEKATAN [%]	FUNGSI
A	Aqua		sehingga	pelarut
	Benzophenone-4		0.05	Penyerap UV
	CI 19140		q.s.	pewarna
	CI 42090		q.s.	pewarna
	Ammonium Laureth Sulfate	SULFOROKAnol®A325/1	35.00	surfaktan
	Ammonium Lauryl Sulfate	ROSulfan® A	15.00	Penyerap UV
	Sodium Benzoate, Potassium Sorbate		0.60	bahan pengawet
B	Citric acid		q.s.	pengubahsuai pH
	Aqua		1.50	pelarut
	Polyquaternium 10		0.02	agen penyaman udara
C	Parfum		0.50	wangian
	Cocamidopropyl Betaine	ROKamina®K30	5.00	surfaktan
	Sodium Chloride		1.80	pengubah kelikatan



pH		4.7 - 5.5
Penampilan	kaedah visual	cecair jernih hijau terang
Kelikatan [cP]	Brookfield LV, gelendong 34, kelajuan 2.5 RPM, T: 25°C	2000 - 5000
Kestabilan	1 bulan pada 5°C, RT, 40°C	disahkan

## Prosedur:

1. Semasa mencampur tambahkan Asid Sitrik dan polyquaternium-10 ke dalam air suam (40-45°C). Campurkan sehingga larutan homogen diperolehi.
2. Tambah bahan dari fasa A ke air suam (40-45°C). Semasa mengadun tambah bahan satu demi satu mengikut susunan dari jadual di atas. Gaul sehingga seragam.
3. Tambah fasa B ke fasa A. Gaul sehingga larutan homogen diperolehi. Sejukkan batch hingga 35°C.
4. Tambah minyak wangi dan Cocamidopropyl Betaine semasa mengadun. Campurkan sehingga larutan homogen diperolehi.
5. Jika perlu, tambah Natrium Klorida untuk melaraskan kelikatan.
6. Kawal julat pH – jika perlu, tambahkan Asid Sitrik. Gaul rata selepas pelarasan.



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